

Title (en)  
AN IMPLEMENT FOR AUTOMATICALLY MILKING ANIMALS

Title (de)  
VORRICHTUNG ZUM AUTOMATISCHEN MELKEN VON TIEREN

Title (fr)  
APPAREIL POUR LA TRAITE AUTOMATIQUE D'ANIMAUX

Publication  
**EP 0862360 A2 19980909 (EN)**

Application  
**EP 97930896 A 19970721**

Priority  
• EP 97930896 A 19970721  
• EP 96202174 A 19960801  
• NL 9700432 W 19970721

Abstract (en)  
[origin: WO9805201A2] An implement for automatically milking animals is provided with a milking robot including a robot arm (14; 26) which is adapted to carry teat cups (21). In the position of rest of the teat cups (21) on the robot arm (14; 26), at least the open upper sides of the teat cups (21) are guarded by a robot arm portion (19, 20). The teat cups (21) are movably disposed in this portion, each in an own housing (35), and can be adjusted from the inoperative position into an operative position and be connected therefrom to the teats of an animal to be milked.

IPC 1-7  
**A01K 1/12**

IPC 8 full level  
**A01J 5/02** (2006.01); **A01J 5/017** (2006.01); **A01J 7/02** (2006.01); **A01K 1/12** (2006.01)

CPC (source: EP US)  
**A01J 5/0175** (2013.01 - EP US); **A01J 7/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 9805201A2

Cited by  
DE102011001404A1; EP3335548A1; WO2012126822A1; NL2017686B1; EP2939533A1; NL2012747B1; EP3434100A1; WO2016079601A1; EP1933168A1; NL1033070C2; US10357015B2; US10694717B2; US9918450B2; US10849304B2; US11388882B2; US11903363B2; US9807973B2; US9807974B2; US9961874B2; US10130067B2; US9426966B2; US9848576B2; WO2012126502A1; US9968069B2; US10440931B2; US11013209B2; EP2701495B1; EP2701495B2

Designated contracting state (EPC)  
AT BE DE DK FR GB IT NL SE

DOCDB simple family (publication)  
**WO 9805201 A2 19980212; WO 9805201 A3 19980312**; AT E233997 T1 20030315; AT E362311 T1 20070615; AU 3466197 A 19980225; AU 724966 B2 20001005; CA 2233568 A1 19980212; DE 69719723 D1 20030417; DE 69719723 T2 20031204; DE 69737739 D1 20070628; DE 69737739 T2 20080131; DE 69737739 T3 20141127; DK 0862360 T3 20030630; DK 1279327 T3 20070924; EP 0862360 A2 19980909; EP 0862360 B1 20030312; EP 1279327 A2 20030129; EP 1279327 A3 20030423; EP 1279327 B1 20070516; EP 1279327 B2 20140625; JP 3705821 B2 20051012; JP H11512934 A 19991109; NL 1004406 C2 19980205; NZ 330256 A 19991028; NZ 337136 A 20010126; US 6213051 B1 20010410

DOCDB simple family (application)  
**NL 9700432 W 19970721**; AT 02079537 T 19970721; AT 97930896 T 19970721; AU 3466197 A 19970721; CA 2233568 A 19970721; DE 69719723 T 19970721; DE 69737739 T 19970721; DK 02079537 T 19970721; DK 97930896 T 19970721; EP 02079537 A 19970721; EP 97930896 A 19970721; JP 50783698 A 19970721; NL 1004406 A 19961101; NZ 33025697 A 19970721; NZ 33713697 A 19970721; US 4399298 A 19980330